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NIXON PEABODY

#10/Amend A  
NO. 6058 P. 5 8-703  
AR

Docket No. 740756-2249

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Shunpei YAMAZAKI et al.

Serial No.: 09/761,641

Filed: January 18, 2001

For: LIQUID CRYSTAL DISPLAY DEVICE  
AND MANUFACTURING METHOD  
THEREOF

) Group Art Unit: 2812

) Examiner: Richard Booth

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AMENDMENT

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In response to the Examiner's Office Action mailed October 10, 2002, please consider the following amendments and remarks in connection with the above-identified application.

IN THE CLAIMS:

Please amend claims 1-3, 13, and 14 as follows:

- AI
1. (Amended) A method of manufacturing a semiconductor device comprising the step  
of:  
ion-doping an impurity element into a channel region,  
wherein said impurity element imparts n-type conductivity or p-type conductivity to said  
semiconductor film,  
wherein a concentration of said impurity element is in the range from  $1 \times 10^{15}$  to  $5 \times 10^{17}$   
atoms/cm<sup>3</sup> in said semiconductor film after the step, and

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